



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hongxin Song et al.

Serial No. : 10/600,419

Filed : June 20, 2003

Title : AVERAGING SIGNALS TO IMPROVE SIGNAL INTERPRETATION

Art Unit : Unknown

Examiner : Unknown

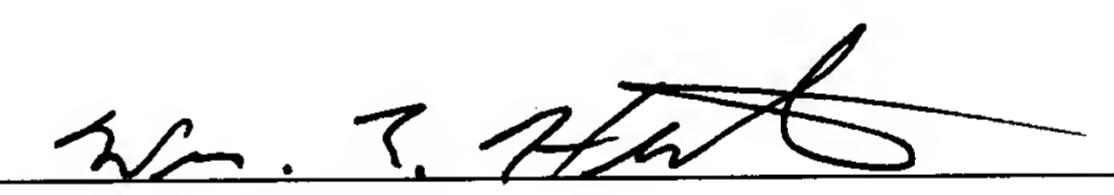
Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir;

The attached form PTO-1449 was inadvertently left out of the original filing submitted on June 20, 2003, although the references were submitted with the original filing of the application and, therefore, are not provided herewith. Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Aug. 25, 2003

 William E. Hunter
 Reg. No. 47,671

Fish & Richardson P.C.
 Customer Number: 23624
 4350 La Jolla Village Drive, Suite 500
 San Diego, California 92122
 Telephone: (858) 678-5070
 Facsimile: (858) 678-5099

10324694.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

August 25, 2003

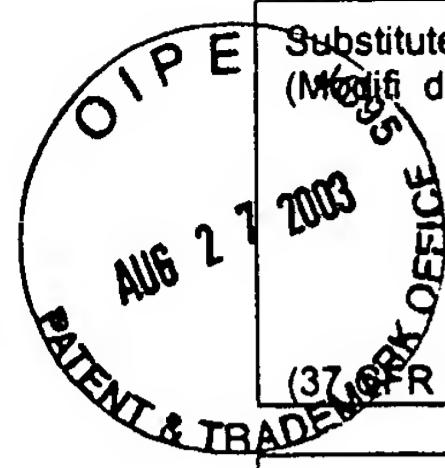
Date of Deposit

R. P. Ippolito

Signature

Roxanne Ippolito

Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Modif'd)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. MP0275	Application No. 10/600,419
Information Disclosure Statement by Applicant <small>(Use several sheets if necessary)</small> <small>(37 CFR §1.98(b))</small>		Applicant Hongxin Song et al.		
		Filing Date June 20, 2003	Group Art Unit Unknown	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,255,136	10/19/1993	Machado, et al			
	AB	5,291,198	03/01/1994	Dingwall, et al			
	AC	5,610,776	03/11/1997	Oh			
	AD	6,038,091	03/14/2000	Reed, et al			
	AE	6,151,179	11/21/2000	Poss			
	AF	US 6,384,999 B1	05/07/2002	Schibilla			
	AG	US 6,424,476 B1	07/23/2002	Matsubara, et al.			
	AH	US 6,493,165 B1	12/10/2002	Satoh, et al			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	AI	EP 1 271 509 A1	01/02/2003	EPO			
	AJ						
	AK						
	AL						
	AM						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AN	Hanson, W., "Hard Disk Drives," February, 1999, IEEE, Southern Minnesota Section Newsletter
	AO	Pai, P., "Equalization & Clock Recovery in Magnetic Storage Read Channels," a dissertation, December, 1996, UCLA, Electrical Engineering Department
	AP	
	AQ	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	